

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450



NEW APPLICATION TRANSMITTAL

Transm	nitted here	with for filing is the patent application of				
Inventor(s):		Dong-Jun Kim Jin-Ho Kim Yong-Kyu Lee Min-Soo Cho Eui-Youl Ryu				
For (title):		SEMICONDUCTOR DEVICE HAVING A FLASH MEMORY CELL AND FABRICATION METHOD THEREOF	CERTIFICATE OF MAILING 37 C.F.R. § 1.10 "Express Mail" Mailing Label Number EV322655989US I hereby certify that this paper or fee is being deposited with th United States Postal Service "Express Mail Post Office to			
1.	Type of a(n)	Application This new application is for	Addressee" service under 37 CFR 1.10 on the date indicated about and is addressed to BOX PATENT APPLICATION, Assistant Commissioner for Patents, Washington, DC 20231 Date:			
	□ Orig	inal (nonprovisional)	CHRISTOPAPA HREN			
	□ Desi	gn	Christopher Hren			
		Plant	<u> </u>			
	\boxtimes Div	isional.				
	□ Con	tinuation.				
•	\square Con	tinuation-in-part (C-I-P).	•			
2. Be	enefit of l	Prior Application(s)				
		The new application is a divisional application filed on January 3, 2002, which claims prior filed January 31, 2001.	ion of U.S. patent application no.10/039,126, rity to Korean patent application 01-4588			
3.	Papers E	nclosed				
		ages of specification				
	3_ Pa					
1_ Page of Abstract						
	<u>19</u> S	sheets of drawings				
		⊠ formal				
		☐ informal				
	P	age of Cover Sheet				
	The enclosed drawing(s) are photograph(s), and there is also attached a "PETITION TO ACCEPT PHOTOGRAPH(S) AS DRAWING(S)." 37 C.F.R. 1.84(b).					

		Preliminary Amendment Information Disclosure Statement (37 C.F.R. 1.98) Form PTO-1449 (PTO/SB/08A and 08B) Copies of cited references Declaration of Biological Deposit Submission of "Sequence Listing," computer readable copy and/or amendment pertaining thereto for biotechnology invention containing nucleoticle and/or amino acid sequence. Authorization of Attorney(s) to Accept and Follow Instructions from Representative				
		•	ecial Com	· ·		
5.		Other: Return Postcard.				
		□ ⊠ Not	Elosed Unexect Execute Execute Contact of the con	inventors. The enclosed Declaration is a true copy of the Declaration filed in U.S. patent application serial no.10/039,126, the parent of the present divisional application. legal representative of inventor(s). 37 CFR 1.42 or 1.43. joint inventor or person showing a proprietary interest on behalf of inventor who refused to sign or cannot be reached. This is the petition required by 37 CFR 1.47 and the statement required by 37 CFR 1.47 is also attached. See item 12 below for fee.		
6.	Assign	ımen	t	•		
		ACC	is attach COMPAN will follo	nt of the invention to Samsung Electronics Co., Ltd. led. A separate "COVER SHEET FOR ASSIGNMENT (DOCUMENT) IYING NEW PATENT APPLICATION" or FORM PTO 1595 is also attached. w. in parent application U.S. serial no. 10/039,126.		

4. Additional papers enclosed

7. Certified Copy

Certified copy(ies) of application(s)

Country	Appln. no.	Filed	
Country	Appln. no.	Filed	
Country	Appln. no.	Filed	
from which priority is claimed			
is (are) attached.			
□ will follow.			

8. Fee Calculation (37 C.F.R. 1.16)

		CL	AIMS AS FILED		
	Number filed		Number Extra	Rate	Basic Fee 37 C.F.R. 1.16(a) \$750.00
Total			-		
Claims (37 CFR 1.16(c))	9	- 20 =	0	\$ 18.00	
Independent					
Claims (37 CFR 1.16(b))	1	- 3 =	0	\$ 84.00	
Multiple dependent claim	(s),				
if any (37 CFR 1.16(d))			+	\$280.00	

Ш	Amendment canceling extra claims is enclosed.	
	Amendment deleting multiple-dependencies is enclosed	d.

☐ Fee for extra claims is not being paid at this time.

Filing Fee Calculation

\$<u>750.00</u>

9.	Small E	Entity Sta	tement(s)				
		Verified	Statement(s) th	at this is a filing by a small	entity under 37	CFR 1.9 and 1.27	is (are) attached
		Status as	a small entity v	vas claimed in prior applica	tion	, filed on	from
whic				s application under:			
	35	5 U.S.C.	□ 119(e),				
			\square 120,				
			\square 121,				
			□ 365(c),				
	and	d which sta	` ,,	entity is still proper and des	ired.		
			П A сопи об	the verified statement in the	ilianti	an is included	
			— A copy of	the verified statement in the	e prior applicati	on is included.	
			Fili	ng Fee Calculation (50%	of A, B or C at	ove)	
				\$			
10.	Fee	e Paymen	t Being Made	at This Time			
		Not End	closed				
			g fee is to be pass s and the surch	aid at this time. arge required by 3 7 C. F.I	R. 1.16(e) can b	e paid subsequently	.)
	\boxtimes	Enclose	ed				
		⊠ B	asic filing fee		\$ <u>750</u>	.00	
			ecording assign ; 37 C.F.R. 1.2				
				SHEET FOR ASSIGNME EW APPLICATION".)	ENT \$		
			T	otal fees enclosed	\$ <u>750.0</u>	0	
					<u></u>		
11.	Meth	hod of Pa	yment of Fees				
		⊠ Chec	ck in the amoun	t of \$ <u>750.00</u>			
			•	. 50-1798 in the amount of nsmittal is attached.		\$	

Authorization to Charge Additional Fees 12.

		Commissioner is hereby authorized to charge the following additional fees during the entire pendency
	oi ini	s application to Account No. 50-1798.
	\boxtimes	37 C.F.R. 1.16(a), (f) or (g) (filing fees)
	\boxtimes	37 C.F.R. 1.16(b), (c) and (d) (presentation of extra claims)
		37 C.F.R. 1. 1 6(e) (surcharge for filing the basic filing fee and/or declaration on a date later than the filing date of the application)
		37 C.F.R. 1.17 (application processing fees)
		37 C.F.R. 1.18 (issue fee at or before mailing of Notice of Allowance, pursuant to 37 C.F.R. 1.311(b))
13.	Instruc	ctions as to Overpayment
	⊠ C:	redit Account No. 50-1798
	\square R	efund
		Respectfully submitted,
Date:		9 2003

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Attorney Docket No.: SAM-0203DIV

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s):

Dong-Jun Kim, et al.

Filing Date:

Herewith

Serial No.:

Divisional of U.S. Serial No. 10/039,126

Title:

SEMICONDUCTOR DEVICE HAVING A FLASH MEMORY CELL AND

FABRICATION METHOD THEREOF

CERTIFICATE OF MAILING UNDER 37 C.F.R.§ 1.10

"Express Mail" Mailing Label Number <u>EV322655989US</u> I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated below and is addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

7-9-03

Date

Christopher J. Hren

Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

TRANSMITTAL LETTER

Sir:

Enclosed herewith for filing in the above-identified patent application please find the following listed items:

- 1. New Application Transmittal;
- 2. New Divisional Patent Application;
- 3. Copy of Executed Declaration, Petition and Power of Attorney;
- 4. Nineteen (19) Sheets of Formal Drawings (Figures 1-6, 7A-7J, 8A-8J and 9A-9J);
- 5. Check in the amount of \$750.00 to cover requisite fee; and
- 6. Return Postcard.

In connection with the foregoing matter, please charge any additional fees which may be due, or credit any overpayment, to Deposit Account Number 50-1798. A duplicate copy of this letter is provided for this purpose.

Respectfully submitted,

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